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MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 2, 2019/2020

MWP7313 – WEB PROGRAMMING
(All sections / Groups)

21 JANUARY 2020
10.00 a.m. – 12.00 p.m.
(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This Question paper consists of 5 pages including cover page with 5 Questions only.
2. Answer **FOUR** out of **FIVE** questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please print all your answers in the answer Booklet provided.

QUESTION 1

Write a PHP code to capture names and ages of two people (i.e. two input boxes for each person) through an HTML form. The code for the form is shown below:

```
<form method="POST" action="process.php">
Name: <input type="text" name="name1">
Age: <input type="text" name="age1"><br>
Name: <input type="text" name="name2">
Age: <input type="text" name="age2"><br>
<input type="submit" value="SUBMIT">
</form>
```

Sketch the web page of html code above and label the form elements. [2 marks]

The inputs for name1 and age1 are “**Daniea**” and “**15**” respectively, and the inputs for name2 and age2 are “**Daniel**” and “**12**” respectively.

For the action page (process.php), write php/html code to get values from the html form and display an output exactly like shown below when the inputs are keyed in as:

name1 = **Daniea**

age1 = **15**

name2 = **Daniel**

age2 = **12**

[8 marks]

(Hint: **echo date("Y");** will display current year which is **2020**)

Output of process.php

Daniea is 15 years old
Daniel is 12 years old
Daniea is 3 years older than Daniel
Daniel was born in 2008

[Total 10 marks]

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QUESTION 2

Write a PHP code (using a **for**-loop or other loops) to display numbers from 1 to 10, separated by commas (,) while fulfilling the conditions below:

[2 marks]

1. Skip and **do not display** these numbers: 5 and 9 [2 marks]

2. Display these numbers in **bold**: 2 and 8. [2 marks]

Total up the sum of the numbers and display it on a next line. [2 marks]

Calculate the average and display it on a next line. [2 marks]

Your output should be identical to the following:

1, **2**, 3, 4, 6, 7, **8**, 10,
Total Sum: 41
Average: 5.125

[Total 10 marks]

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QUESTION 3

Complete PHP code fragments in the boxes below. The output should be displaying:

ID	NAME	EMAIL
1234	Juniza	juniza@gmail.com
1235	Elham	elham@gmail.com
1236	Apu	apu@gmail.com

```

<?php

class Student{
    var $id;
    var $name;
    var $email;

    public function __construct($a, $b, $c) {
        1.  [1 mark]
        2.  [1 mark]
        3.  [1 mark]
    }
    public function setName($a) {
        4.  [1 mark]
    }
    public function getName() {
        5.  [1 mark]
    }
    public function printInfoInTableRow () {
        6.  [2 marks]
    }
}
$sl = new Student("1236", "Apu", "apu@gmail.com");
$s2 = new Student("1235", "Elham", "elham@gmail.com");
$s3 = new Student("1234", "Juniza", "juniza@gmail.com");

echo "<table border=1>";
echo "<tr><td>ID</td><td>NAME</td><td>EMAIL</td></tr>";
7. echo ...  [1 mark]
8. echo ...  [1 mark]
9. echo ...  [1 mark]
echo "</table>";
?>

```

[Total 10 marks]

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QUESTION 4

(a) Arrays of cars and their prices are defined below.

```
$cars = array("BMW", "Porsche", "Mercedes", "Ferrari");  
$prices = array(300000, 400000, 280000, 1000000);
```

1. Write a PHP statement to display "Porsche" using the **index** of array **\$cars**, and its price RM400000 using the **index** of array **\$prices**. [2 marks]
2. Write PHP statements to display all cars in **\$cars** array and their prices using any loop method. See sample output below:

BMW RM300000
Porsche RM400000
Mercedes RM280000
Ferrari RM1000000

[4 marks]

3. Write a PHP function called **calculateTax()** accepting one parameter which is the price, and the function will return a tax value. The tax calculation is 10% from the price. Write a statement to display car "Mercedes", its price and the tax value for this car. See sample output below:

Mercedes RM280000 Tax: RM28000

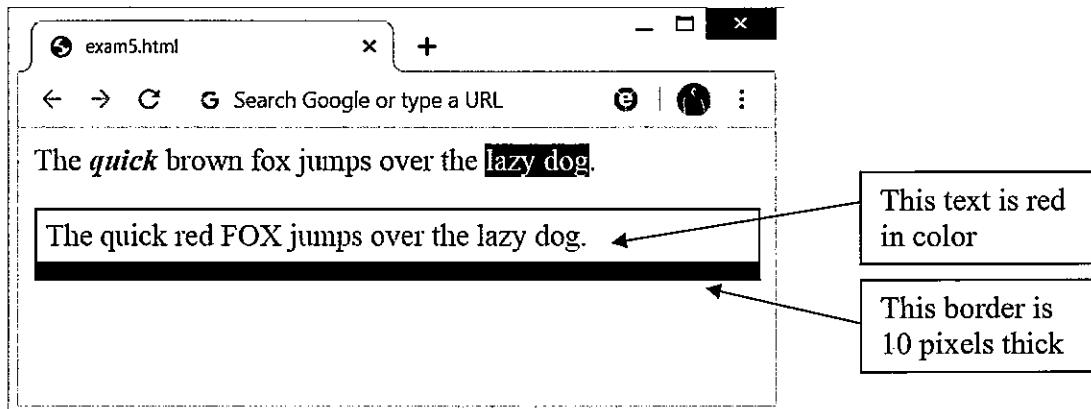
[4 marks]

[Total 10 marks]

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QUESTION 5

A web page output styled using CSS is shown below:



Complete the CSS statements (in boxes) below:

```

<style>
.style1{
    font-weight:
    font-style:
}
.style2{
    background:
    color:
}
.style3{
    border-style:
    border-color:
    border-width: px px px px;
    padding:
    color:
}
.style4{
    text-transform:
}
</style>

```

[1 mark]
[1 mark]

[1 mark]
[1 mark]

[1 mark]
[1 mark]
[1 mark]
[1 mark]
[1 mark]

[1 mark]

The HTML code for the output above is given below:

```

<p>
The <span class="style1">quick </span>brown fox jumps over the
<span class="style2">lazy dog</span>.</p>
<p class="style3">
The quick red <span class="style4">fox</span> jumps over the lazy
dog.</p>

```

[Total 10 marks]

End of Page.